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(12) **United States Design Patent**  
**Knight Adams et al.**

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(54) **VACCUUM CLEANER**

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**Ross Exley**, Warndon (GB)

(\*) Notice: This patent is subject to a terminal disclaimer.

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/623,078**

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(51) **LOC (12) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/22**

(58) **Field of Classification Search**  
USPC ..... D32/17, 18, 22, 31, 35, 45, 52  
CPC ... A47L 5/24; A47L 5/362; A47L 5/36; A47L 5/28; A47L 9/102; A47L 9/1683; B01D 50/002

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a vacuum cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a rear view of a vacuum cleaner shown in a position of use.

FIG. 2 is a front view thereof.

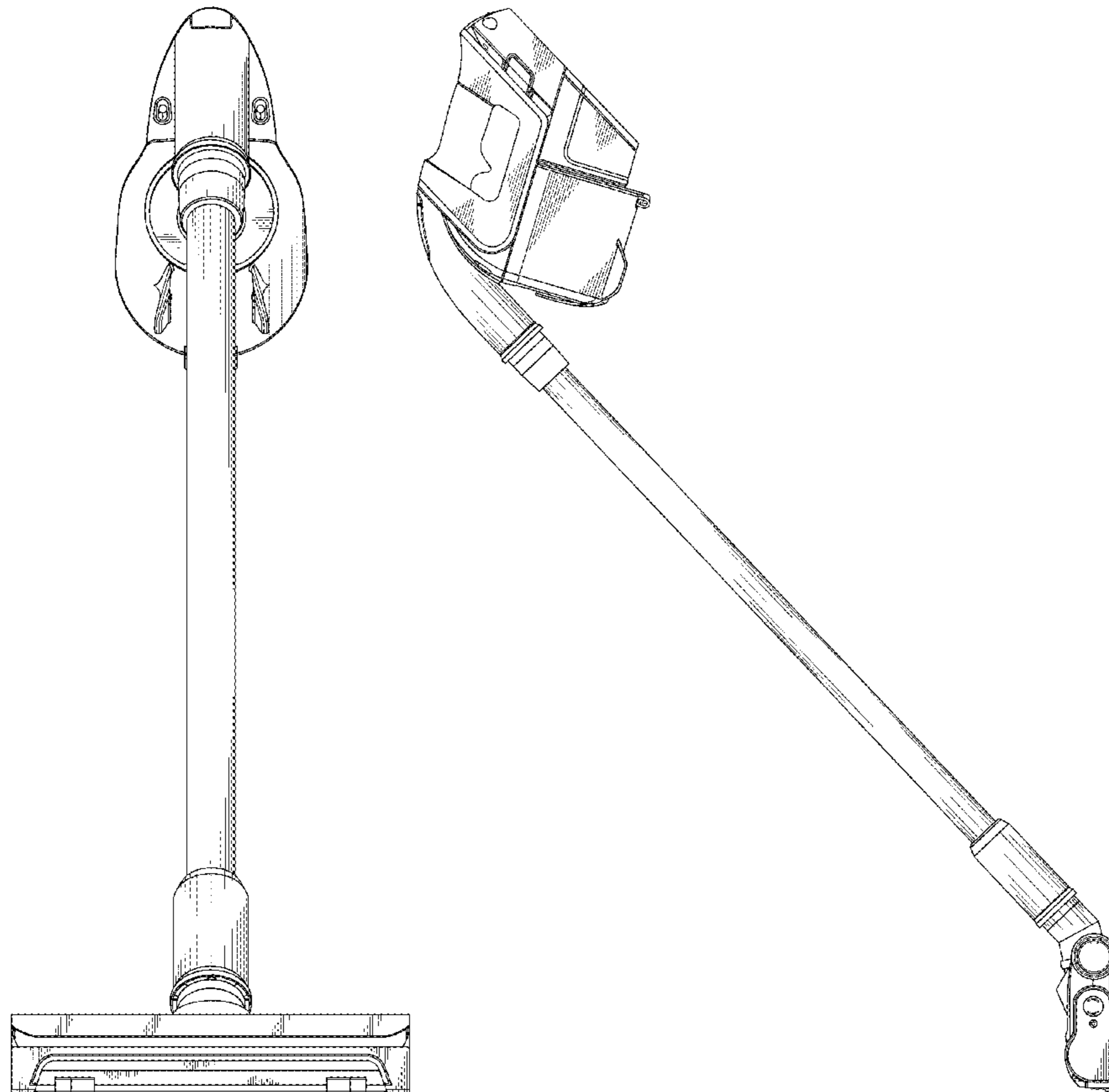
FIG. 3 is a first side view thereof.

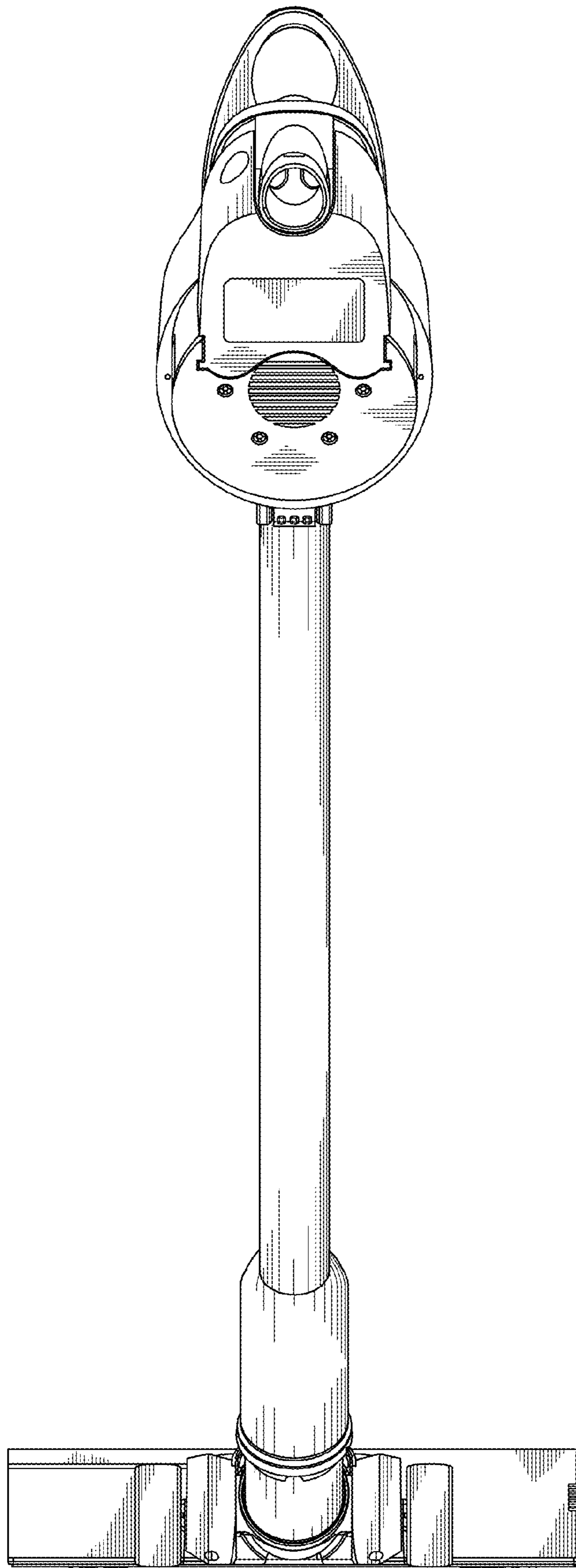
FIG. 4 is a front perspective view thereof.

FIG. 5 is a second side view thereof; and,

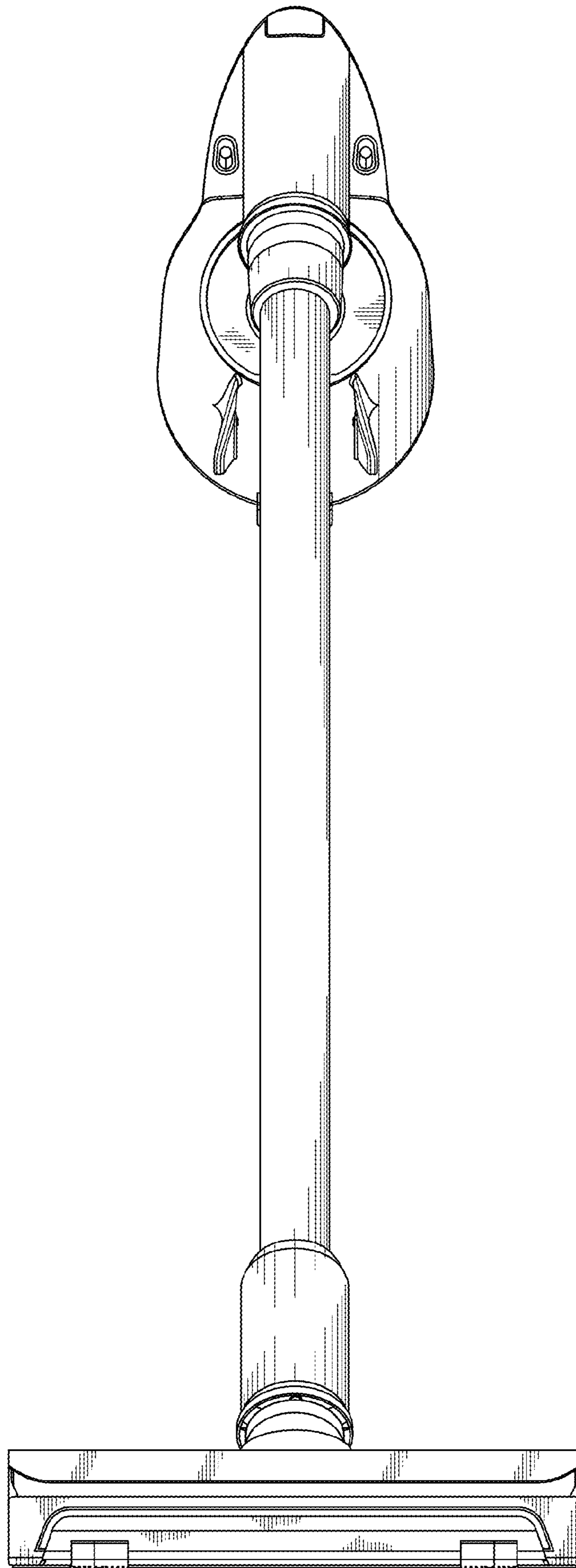
FIG. 6 is a top view thereof.

**1 Claim, 6 Drawing Sheets**





**FIG. 1**



**FIG. 2**

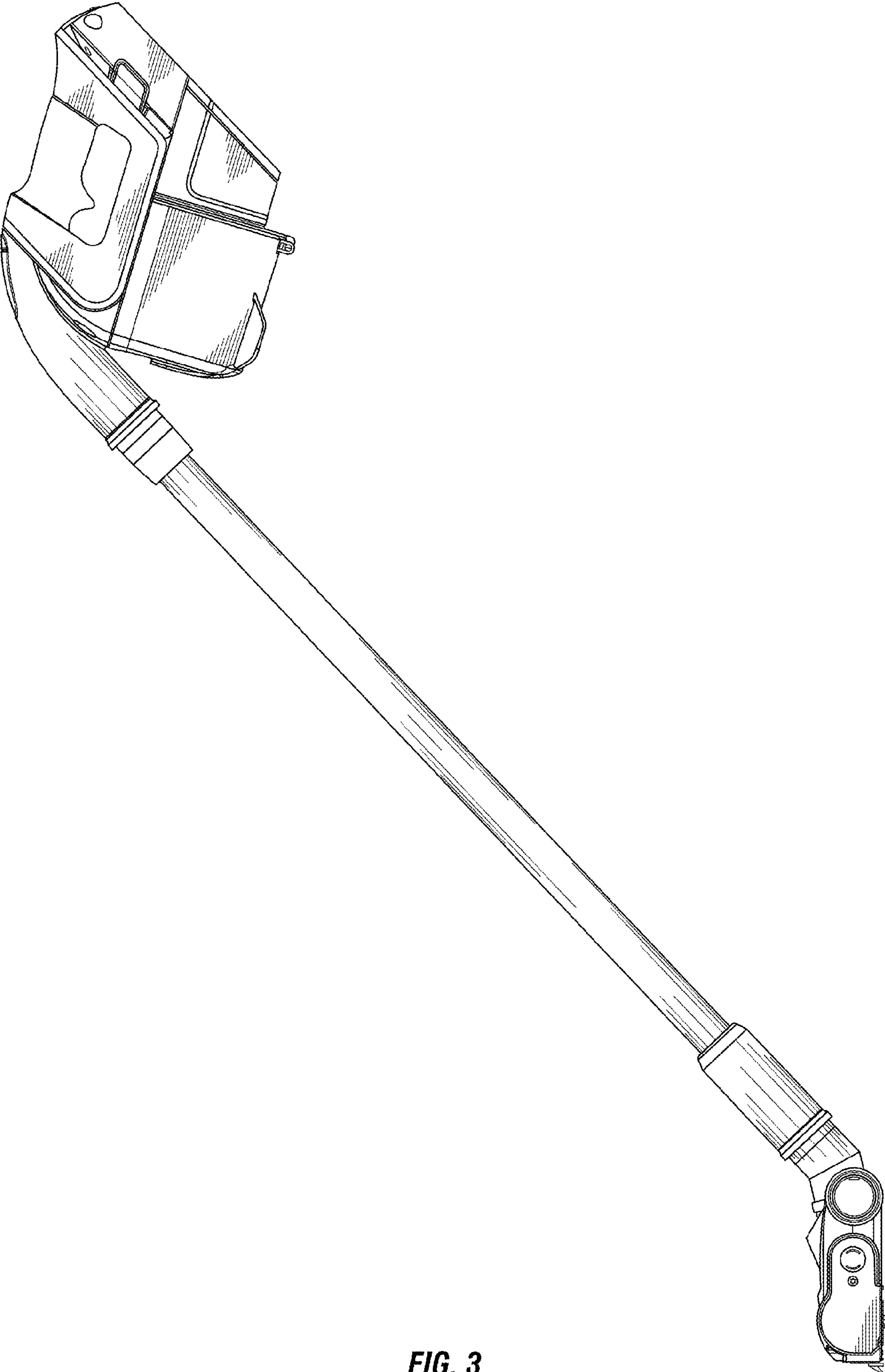


FIG. 3

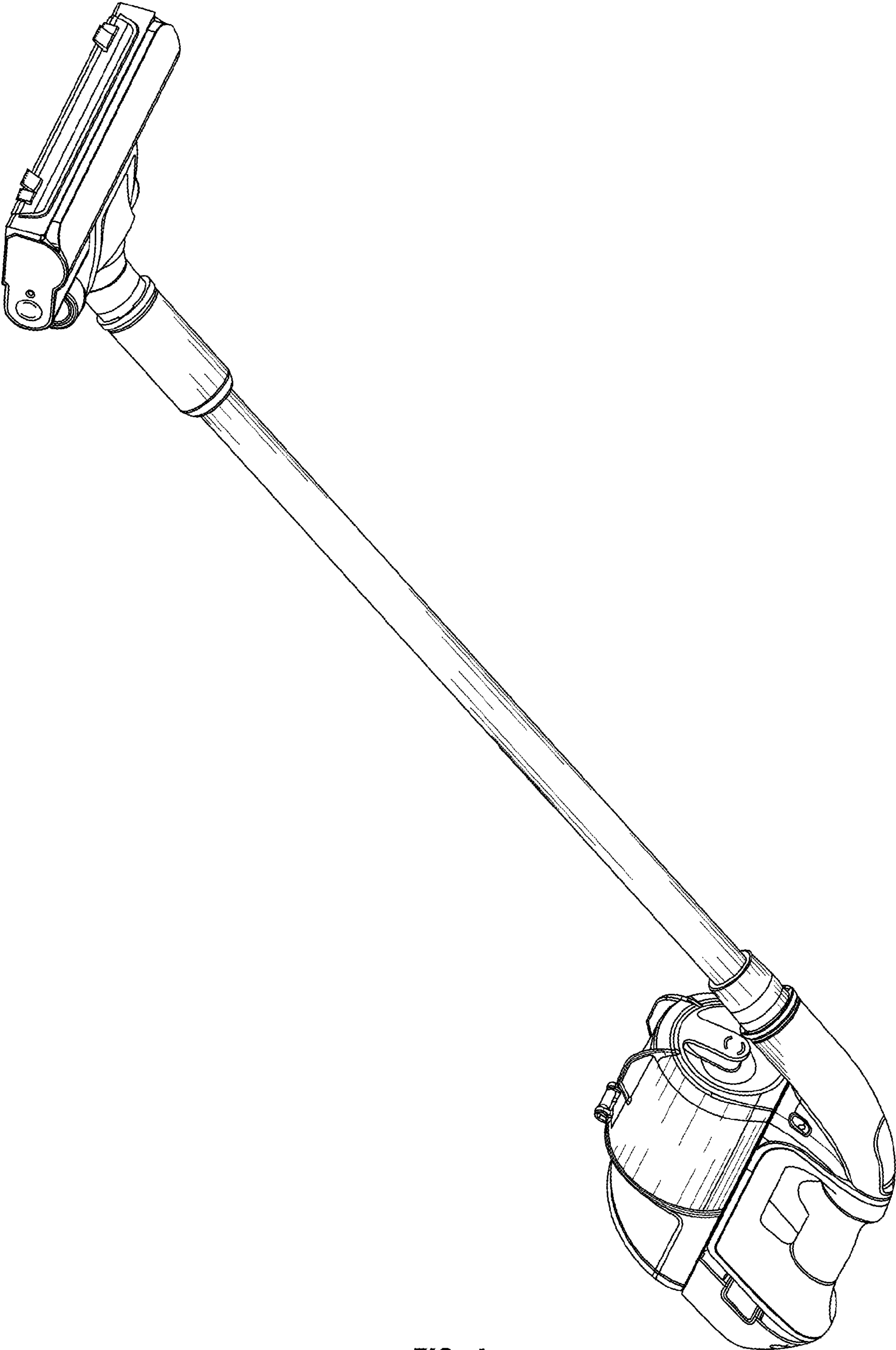


FIG. 4

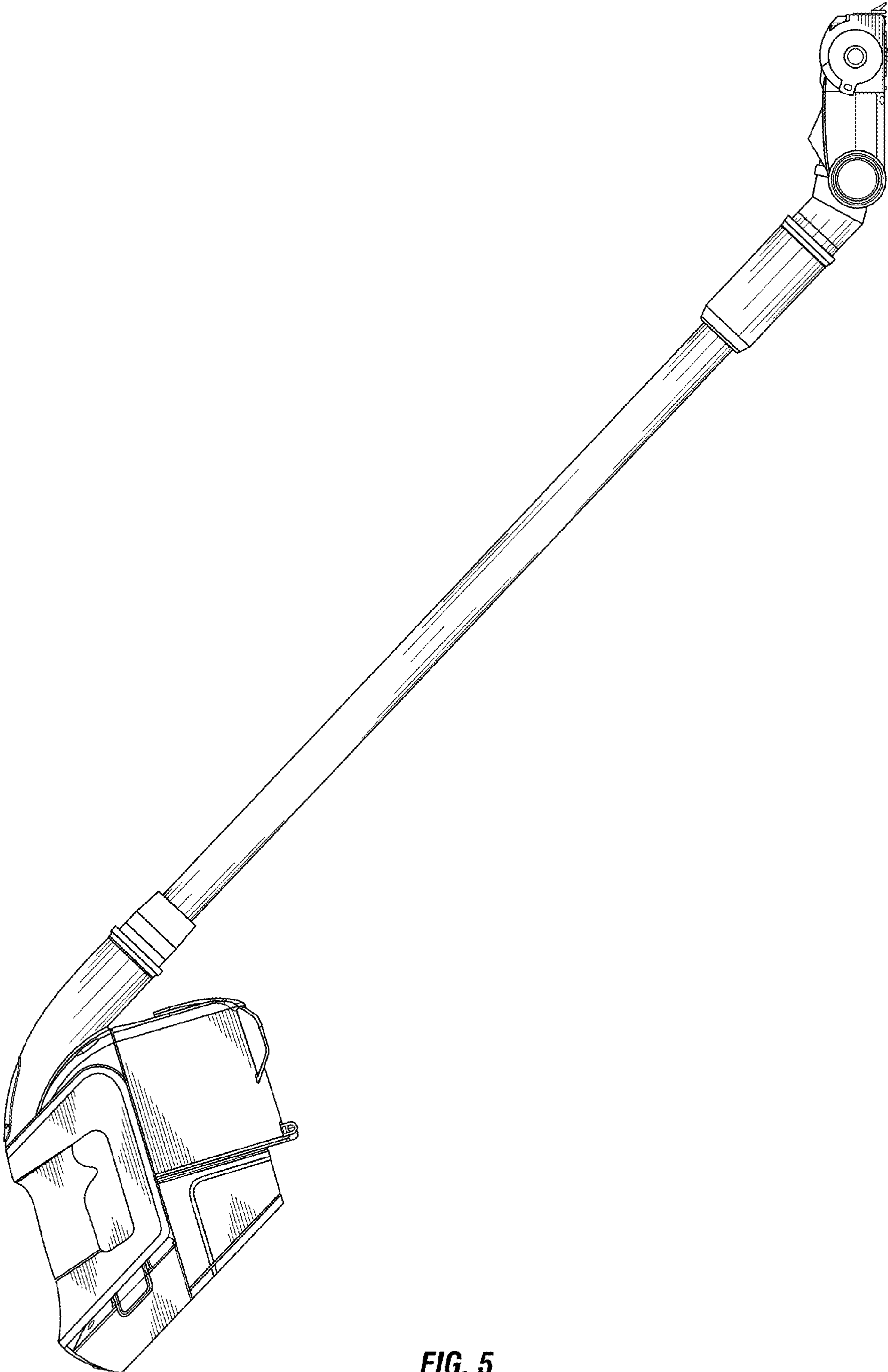
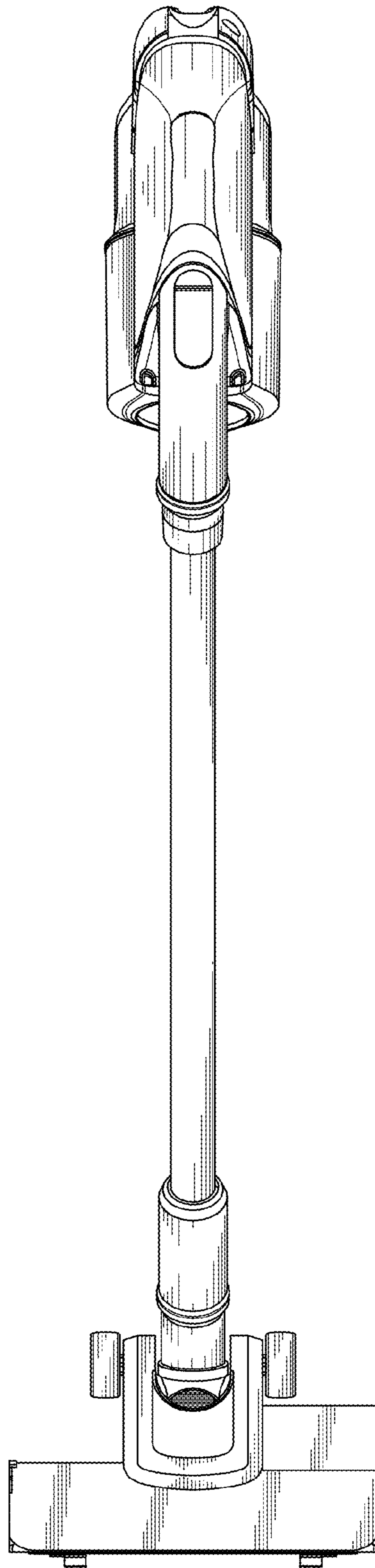


FIG. 5



**FIG. 6**